

ATTENTION... Printed Circuit Designers

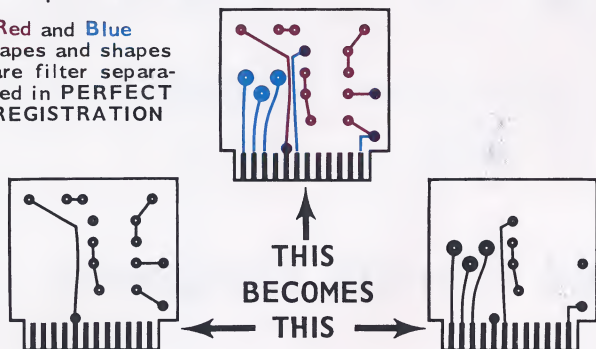
***Now you can produce
fast, accurate printed
circuit layouts in the
most efficient way yet!***

***To make single or two
sided printed circuit
boards to $\pm.001$ ",
turn the page...***



Registration Problems Are Solved On Double Sided Circuit Boards! Use Bishop Colored Transparent Tapes And Your Camera.

Red and Blue tapes and shapes are filter separated in PERFECT REGISTRATION



How to use:

1. Tape either side of a single Mylar sheet
2. Use Kodak Pan Estar Base film
3. To drop out Reds use #25 filter
4. To drop out Blue use #47B filter
5. Good backlighting should be provided

Results:

- 1 - Front side negative!
- 1 - Back side negative! in perfect registration!

COLORED TRANSPARENT PLASTIC TAPES

Strong, stable plastic colored tapes save time and eliminate registration problems in layouts for single and double sided printed circuit masters. Rigid, transparent plastic permits see-through for positive alignment with grid patterns, but is photographically opaque with camera filters. Complementary colored transparent plastic pads, corners and elbows, etc., are also available. (See next page)

WIDTH Inches	T205 Red Transparent 18 Yd. Roll .0025" Thick	T207 Blue Transparent 18 Yd. Roll .004" Thick
1/64 - .015	\$.70	\$.70
.026	.70	.70
1/32 - .031	.70	.70
.040	.70	.70
3/64 - .046	.70	.70
.050	.70	.70
1/16 - .062	.70	.70
.080	.70	.70
3/32 - .093	.90	.70
.100	.90	1.60
1/8 - .125	.90	1.70
.140	.90	1.70
.150	.90	1.90
5/32 - .156	.90	1.90
.160	.90	1.90
3/16 - .187	.90	1.90
.200	.90	1.90
1/4 - .250	.90	2.05
.300	1.10	2.25
5/16 - .312	1.10	2.25
3/8 - .375	1.25	2.25
.400	1.50	2.25
1/2 - .500	1.50	2.25
3/4 - .750	1.75	2.50
1" - 1.00	1.95	2.75
2" - 2.00	3.90	5.50

**NEW
SIZES
NEW LOW
PRICES**

Printed C
PRESSURE SENS

AVAILABLE IN OPAQUE **BLACK** — TRAN

STANDARD TAPE SIZES

Up to 6" wide
Intermediate widths available.
Prices of next larger width.
Precision cut to tolerance of $\pm .001$ "

.156	.062	
.187	.080	
.200	.093	.015
	.100	.026
	.125	.031
		.050

BLACK CREPE AND MATTE

conforms to MIL-P-551 10A and MS 16912 (NORD)

T201 BLACK CREPE — Non-reflecting crepe tape for applications requiring curved lines. Won't shrink, peel or lift. Can be removed and repositioned. .005" thick.

T202 BLACK MATTE — Matte finish material used as standard for all Bishop DieKut StikOns. Won't shrink or peel and stays down until removed. For best results, use with Bishop StikOn pads and corners. .005" thick.

WIDTH Inches	T201 - T202 20 Yd. Roll	T201 - T202 60 Yd. Roll
1/64 - .015	\$.75	N/A
.026	.75	N/A
1/32 - .031	.75	N/A
.040	.75	N/A
3/64 - .046	.75	N/A
.050	.75	N/A
1/16 - .062	.75	N/A
.080	.75	N/A
3/32 - .093	.75	N/A
.100	.75	N/A
1/8 - .125	.75	N/A
.140	.75	\$1.70
.150	.75	1.70
5/32 - .156	.75	1.70
.160	.75	1.70
3/16 - .187	.75	1.70
.200	.75	1.70
1/4 - .250	.75	1.70
.300	.75	1.70
5/16 - .312	.75	1.70
3/8 - .375	1.05	2.45
.400	1.05	2.45
1/2 - .500	1.05	2.45
3/4 - .750	1.55	2.90
1" - 1.00	1.65	3.20

6" for cutting 5 yds. \$2.00
Used for strip and peel or original designs.

Specialists in Electronic Components

Circuit Drafting Aids

ACTIVE TAPES, PADS, CORNERS,
TEES, ELBOWS AND SYMBOLS

TRANSPARENT **RED** — TRANSPARENT **BLUE**

** also: universal fillets
teardrops
no hole pads
double ended pads
oval pads*

** See catalog No. 101 for complete selection*

UNIVERSAL CORNERS

Packaged on rolls

Used for cutting custom angles and radii as required.

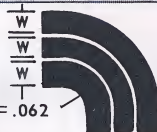


Cat. No.	Line Width Inches	O.D. of Nest	I.D. of Nest	No. Rings in Nest	Quantity	
					250	1,000
CU 600	.050	.525	.125	4	3.50	10.00
CU 601	1/16 .062	.625	.125	4	3.00	9.00
CU 606	.080	.890	.250	4	5.00	15.00
CU 602	3/32 .093	1.06	.312	4	5.00	15.00
CU 607	.100	1.10	.300	4	5.00	15.00
CU 603	1/8 .125	1.37	.375	4	5.00	15.00
CU 608	5/32 .156	1.68	.437	4	7.50	22.00
CU 604	3/16 .187	2.00	.500	4	8.00	24.00
CU 609	.200	2.10	.500	4	12.00	35.00
CU 605	1/4 .250	2.50	.500	4	14.00	42.00

90° NESTED ELBOWS

Packaged on rolls

Smallest radius = .062

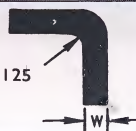


Cat. No.	Line Width Inches (W)	Smallest Radius	No. Rings in Nest	Quantity	
				250	1,000
EN 630	.050	.050	4	3.00	9.00
EN 631	1/16 .062	.062	4	3.00	9.00
EN 636	.080	.062	4	2.50	9.00
EN 632	3/32 .093	.062	4	2.50	9.00
EN 637	.100	.062	3	2.50	8.00
EN 633	1/8 .125	.062	3	3.00	10.50
EN 638	5/32 .156	.062	3	4.00	14.00
EN 634	3/16 .187	.062	3	4.00	12.00
EN 639	.200	.062	3	5.00	15.00
EN 635	1/4 .250	.062	3	5.00	15.00

ELBOWS — 90°

Packaged on rolls

Radius = .125



Cat. No.	Line Width — Inches (W)		Quantity	
			250	1,000
E 700	.050		1.95	6.00
E 701	1/16 .062		1.45	4.50
E 707	.080		1.45	4.50
E 702	3/32 .093		1.45	4.50
E 708	.100		1.95	6.00
E 703	1/8 .125		1.45	4.50
E 704	5/32 .156		2.50	7.50
E 705	3/16 .187		2.50	7.50
E 709	.200		2.50	7.50
E 706	1/4 .250		3.50	9.00

ORDERING INFORMATION

STANDARD FINISH FOR BISHOP DIEKUT STIKON'S ON THIS PAGE IS
BISHOP T202 BLACK MATTE

Prices for other material finishes:

T205 Red Transparent Plastic	NO ADDITIONAL COST
T207 Blue Transparent Plastic	3X BLACK MATTE COST

TO ORDER: Add to part no.: R for Red (E702R)
B for Blue (E702B)

Prices subject to change without notice.

DONUT PADS

Packaged on rolls

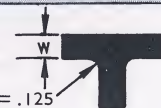


Cat. No.	O.D.	I.D.	Price (Pkg. 500 Per Roll)		
			500	2500	5000
D135	.050 x	.015	\$2.00	\$9.75	\$19.50
D136	.062 x	.025	2.00	9.75	19.50
D137	.093 x	.031	2.00	9.75	19.50
D101	.100 x	.031	2.00	9.75	19.50
D148	.100 x	.062	2.00	9.75	19.50
D102	.125 x	.031	2.00	9.75	19.50
D144	.150 x	.031	2.00	9.75	19.25
D103	.156 x	.031	2.00	9.75	19.25
D138	.187 x	.031	2.00	9.75	19.00
D104	.187 x	.040	2.00	9.75	19.00
D105	.187 x	.062	2.00	9.75	19.00
D139	.200 x	.031	1.75	7.25	14.00
D147	.200 x	.062	1.75	7.25	14.00
D106	.200 x	.080	1.75	7.25	14.00
D140	.218 x	.031	1.75	7.25	14.00
D143	.218 x	.040	1.75	7.25	14.00
D107	.218 x	.062	1.75	7.25	14.00
D141	.250 x	.031	1.75	7.25	14.00
D108	.250 x	.040	1.75	7.25	14.00
D109	.250 x	.062	1.75	7.25	14.00
D145	.281 x	.031	2.50	11.00	21.00
D110	.281 x	.062	2.50	11.00	21.00
D111	.300 x	.062	2.50	11.00	21.00
D112	.312 x	.040	2.50	11.00	21.00
D113	.312 x	.062	2.50	11.00	21.00
D146	.350 x	.062	2.50	11.00	21.00
D114	.375 x	.062	2.50	11.00	21.00
D142	.375 x	.094	2.50	11.00	21.00
D115	.400 x	.062	3.25	14.75	28.00
D116	.400 x	.080	3.25	14.75	28.00
D117	.437 x	.062	3.25	14.75	28.00
D118	.437 x	.125	3.25	14.75	28.00
D119	.500 x	.062	3.75	15.00	28.50
D120	.500 x	.125	3.75	15.00	28.50
D121	.562 x	.062	4.50	22.00	35.50
D122	.562 x	.187	4.50	22.00	35.50
D149	.600 x	.062	4.50	22.00	35.50
D123	.600 x	.080	4.50	22.00	35.50
D124	.625 x	.062	4.50	22.00	35.50
D125	.625 x	.125	4.50	22.00	35.50
D126	.687 x	.187	5.00	22.50	42.00
D127	.750 x	.062	5.00	22.50	42.00
D128	.750 x	.125	5.00	22.50	42.00
D129	.875 x	.062	6.00	27.50	50.00
D130	.875 x	.125	6.00	27.50	50.00
D131	1.00 x	.062	6.00	27.50	53.00
D132	1.12 x	.125	7.50	36.00	70.00
D133	1.25 x	.125	7.50	36.00	70.00
D134	1.50 x	.125	9.00	43.00	84.00

TEES

Packaged on rolls

Radius = .125



Cat. No.	Line Width Inches (W)	Quantity	
		250	1,000
T 730	.050	1.95	6.00
T 731	1/16 .062	1.00	3.00
T 737	.080	1.95	6.00
T 732	3/32 .093	1.95	6.00
T 738	.100	1.95	6.00
T 733	1/8 .125	1.95	6.00
T 734	5/32 .156	2.50	7.50
T 735	3/16 .187	2.50	7.50
T 739	.200	2.50	7.50
T 736	1/4 .250	3.50	9.00

nt Drafting Aids



Bishop Industries Corp.

11728 VOSE STREET
NORTH HOLLYWOOD, CALIFORNIA 91605
(213) 982-2000

*Printed circuit efficiency
with Bishop conductor tapes
and DieKut pre-drawn symbols...*



T. Nelson
Box 1546
Poughkeepsie, NY 12603

RETURN REQUESTED

U.S. POSTAGE
paid
BULK RATE
No Hollywood, Calif
Permit No. 1072

BISHOP INDUSTRIES CORPORATION
11728 Vose Street, North Hollywood, California 91605

6221

6201

6071

6074

6146

6219

6197

Newest Electronic Component DieKut StikOns... from Bishop

6198

Pressure sensitive— individually die-cut symbols — absolutely opaque — .0015" thick matte acetate finish — packaged on rolls.
All symbols are illustrated in 2X Scale. Available in 4X Scale also. Price list below.

2X SCALE

Cat. No.	Description	Pad Clearance	Per Roll Qty	Price
6219	TO-5 4-pin	.050	350	\$6.85
6146	TO-18 4-pin	.050	350	6.85

8-Pin Micrologic Circuit Symbols TO-5 Can

Cat. No.	Pad O.D. Inches	Pad I.D. Inches	Lead Spread Diameter	Per Roll Qty	Price
6197	.125 (cutpad)	.037	.400	350	\$6.85
6205	.125 (cutpad)	.037	.462	350	6.85
6211	.187 Thermalloy	.031	.800	250	7.55

10-Pin Micrologic Circuit Symbols TO-5 Can

6198	.125 (cutpad)	.037	.462	350	\$6.85
6221	.187 Thermalloy	.031	.800	250	7.55

12-Pin Micrologic Circuit Symbols TO-5 Can

6203	.125 (cutpad)	.037	.462	350	\$6.85
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Flatpack Circuit Symbols

6074	13-pin Intellux (Mfr's specs)	250	\$7.55
6071	14-pin Dual in-line	250	7.55
6213	14-pin Flatpack 1/8" x 1/4" staggered pad pattern	200	7.55
6201	14-pin Flatpack 1/4" x 1/4" staggered pad pattern	200	7.55

4X SCALE

Cat. No.	Description	Pad Clearance	Per Roll Qty	Price
6220	TO-5 4-pin	.100	250	\$7.55
6147	TO-18 4-pin	.100	250	7.55

8-Pin Micrologic Circuit Symbols TO-5 Can

Cat. No.	Pad O.D. Inches	Pad I.D. Inches	Lead Spread Diameter	Per Roll Qty	Price
6199	.250 (cutpad)	.075	.800	250	\$7.55
6206	.250 (cutpad)	.075	.925	250	7.55
6212	.375 Thermalloy	.062	1.60"	100	9.70

10-Pin Micrologic Circuit Symbols TO-5 Can

6200	.250 (cutpad)	.075	.925	250	\$7.55
6222	.375 Thermalloy	.062	1.60"	100	9.70

12-Pin Micrologic Circuit Symbols TO-5 Can

6204	.250 (cutpad)	.074	.925	250	\$7.55
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Flatpack Circuit Symbols

6075	13-pin Intellux (Mfr's specs)	100	\$9.70
6209	14-pin Dual in-line	100	9.70
6214	14-pin Flatpack 1/8" x 1/4" staggered pad pattern	100	9.70
6202	14-pin Flatpack 1/4" x 1/4" staggered pad pattern	100	9.70

THOUSANDS MORE IN OUR CATALOGUE

Prices subject to change without notice.

NO. 101. WRITE FOR IT TODAY!



11728 Vose Street, North Hollywood,

California 91605 (213) 982-2000

Litho in U.S.A.